U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

| ATTY. DOCKET NO.<br>1998B037A/2 | <b>APPLN NO.</b> 10/613,374 |
|---------------------------------|-----------------------------|
| APPLICANTS S. Datta et al.      | CONFIRMATION<br>NO. 7178    |
| FILING DATE<br>July 3, 2003     | GROUP ART UNIT              |

| U.S. PATENT DOC | UMFNTS |
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| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE     | NAME                | CLASS | SUBCLASS | FILING DATE<br>IF<br>APPROPRIATE |
|---------------------|--------------------|----------|---------------------|-------|----------|----------------------------------|
| n                   | 3520861            | 07/21/70 | Thomson et al.      | 260   | -88.1    |                                  |
| n                   | 4076698            | 02/28/78 | Anderson et al.     | 526   | 348.6    |                                  |
| ~~                  | 4542199            | 09/17/85 | Kaminsky et al.     | 526   | 160      |                                  |
| n                   | 4543399            | 09/24/85 | Jenkins, III et al. | 526   | 70       |                                  |
| ~                   | 4544762            | 10/01/85 | Kaminsky et al.     | 556   | 179      |                                  |
| 2                   | 4588790            | 05/13/86 | Jenkins, III et al. | 526   | 70       |                                  |
| $\sim$              | 4599392            | 07/08/86 | McKinney et al.     | 526   | 318.6    | •                                |
| m                   | 4874880            | 10/17/89 | Miya et al.         | 556   | 53       |                                  |
| $\sim$              | 4960878            | 10/02/90 | Crapo et al.        | 556   | 179      |                                  |
| 2                   | 4988781            | 01/29/91 | McKinney et al.     | 526   | 68       |                                  |
| ~                   | 5015749            | 05/14/91 | Schmidt et al.      | 556   | 179      |                                  |
| m                   | 5028670            | 07/02/91 | Chinh et al.        | 526   | 73       |                                  |
| ~                   | 5032562            | 07/16/91 | Lo et al.           | 502   | 111      |                                  |
| $\sim$              | 5041583            | 08/20/91 | Sangokoya           | 556   | 179      |                                  |
| ~                   | 5041584            | 08/20/91 | Crapo et al.        | 556   | 179      |                                  |
| n                   | 5041585            | 08/20/91 | Deavenport et al.   | 556   | 179      |                                  |
| ~                   | 5044438            | 09/03/91 | Young               | 166   | 250      |                                  |
| <i>^</i> .          | 5057475            | 10/15/91 | Canich et al.       | 502   | 104      |                                  |
|                     | 5064802            | 11/12/91 | Stevens et al.      | 502   | 155      |                                  |
| ~                   | 5093415            | 03/03/92 | Brady, III et al.   | 525   | 53       |                                  |
| ~                   | 5096867            | 03/17/92 | Canich              | 502   | 103      |                                  |
| ~                   | 5106804            | 04/21/92 | Bailly et al.       | 502   | 108      |                                  |
| ~                   | 5132380            | 07/21/92 | Stevens et al.      | 526   | 126      |                                  |
| ~                   | 5134209            | 07/28/92 | Job et al.          | 526   | 141      |                                  |
| 2                   | 5153157            | 10/06/92 | Hlatky et al.       | 502   | 117      |                                  |
| ~                   | 5198401            | 03/30/93 | Turner et al.       | 502   | 155      |                                  |

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### **U.S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL |         |          | CLASS               | SUBCLASS | FILING DATE<br>IF<br>APPROPRIATE |                                       |
|---------------------|---------|----------|---------------------|----------|----------------------------------|---------------------------------------|
| ~_                  | 5218071 | 06/08/93 | Tsutsui et al.      | 526      | 348                              |                                       |
| m                   | 5272236 | 12/21/93 | Lai et al.          | 526      | 348.5                            |                                       |
| m                   | 5278272 | 01/11/94 | Lai et al.          | 526      | 348.5                            |                                       |
| <u>~`~</u>          | 5296433 | 03/22/94 | Siedle et al.       | 502      | 117                              |                                       |
| ~                   | 5324800 | 06/28/94 | Welborn, Jr. et al. | 526      | 160                              |                                       |
| 2                   | 5350723 | 09/27/94 | Neithamer et al.    | 502      | 104                              |                                       |
| ~                   | 5352749 | 10/04/94 | DeChellis et al.    | 526      | 68                               |                                       |
| ~                   | 5384373 | 01/24/95 | McKinney et al.     | 526      | 212                              |                                       |
| ~                   | 5405922 | 04/11/95 | DeChellis et al.    | 526      | 68                               |                                       |
| <i>~</i>            | 5408017 | 04/18/95 | Turner et al.       | 526      | 134                              |                                       |
| <i>-س</i>           | 5427991 | 06/27/95 | Turner              | 502      | 103                              |                                       |
| ^_                  | 5436304 | 07/25/95 | Griffin et al.      | 526      | 68                               |                                       |
| ~                   | 5453471 | 03/26/95 | Bernier et al.      | 526      | 68                               | · · · · · · · · · · · · · · · · · · · |
| ~                   | 5461123 | 10/24/95 | Song et al.         | 526      | 74                               |                                       |
| ~                   | 5462999 | 10/31/95 | Griffin et al.      | 526      | 68                               |                                       |
| ~                   | 5473028 | 12/05/95 | Nowlin et al.       | 526      | 114                              |                                       |
| ~                   | 5504049 | 04/02/96 | Crowther et al.     | 502      | 117                              |                                       |
| $\sim$              | 5504172 | 04/02/96 | Imuta et al.        | 526      | 351                              |                                       |
| N                   | 5541270 | 07/30/96 | Chinh et al.        | 526      | 68                               |                                       |
| ~                   | 5556238 | 09/17/96 | Chinh               | 406      | 136                              |                                       |
| ~                   | 5556928 | 09/17/96 | Devore et al.       | 526      | 127                              |                                       |
| ~                   | 5599761 | 02/04/97 | Turner              | 502      | 152                              | _                                     |
| ~                   | 5608019 | 03/04/97 | Cheruvu et al.      | 526      | 129                              |                                       |
| ~                   | 5616661 | 04/01/97 | Eisinger et al.     | 526      | 88                               |                                       |
| 2                   | 5616664 | 04/01/97 | Timmers et al.      | 526      | 127                              |                                       |
| ~                   | 5621127 | 04/15/97 | Langhauser et al.   | 556      | 11                               | -                                     |

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|---------------------------------------|--------------------|----------|-------------------|-------|----------|----------------------------------|
| 2                                     | 5625087            | 04/29/97 | Devore et al.     | 556   | 468      |                                  |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 5637660            | 06/10/97 | Nagy et al.       | 526   | 160      |                                  |
| ~                                     | 5685128            | 11/11/97 | Chum et al.       | 53    | 441      |                                  |
| ~                                     | 5703187            | 12/30/97 | Timmers           | 526   | 282      |                                  |
| ~                                     | 5703257            | 12/30/97 | Rosen et al.      | 556   | 7        |                                  |
| ~                                     | 5710224            | 01/20/98 | Alt et al.        | 526   | 160      |                                  |
| ~                                     | 5721185            | 02/24/98 | LaPointe et al.   | 502   | 117      |                                  |
| ~                                     | 5728855            | 03/17/98 | Smith et al.      | 556   | 179      |                                  |
| 2                                     | 5731253            | 03/24/98 | Sangokoya         | 502   | 102      |                                  |
| 2                                     | 5767208            | 06/16/98 | Turner et al.     | 526   | 160      |                                  |
| 2                                     | 5840389            | 11/24/98 | Asanuma et al.    | 428   | 36.91    |                                  |
| n_                                    | 5874505            | 02/23/99 | Saito et al.      | 525   | 240      |                                  |
| ~                                     | 5883188            | 03/16/99 | Hwang et al.      | 525   | 71       |                                  |
| ~                                     | 5883204            | 03/16/99 | Spencer et al.    | 526   | 134      |                                  |
| V                                     | 5907021            | 05/25/99 | Turner et al.     | 526   | 160      |                                  |
| 2                                     | 5919983            | 07/06/99 | Rosen et al.      | 568   | 3        |                                  |
| n-                                    | 5962714            | 10/05/99 | McCullough et al. | 556   | 11       |                                  |
| 2                                     | 5965677            | 10/12/99 | Stephan et al.    | 526   | 129      |                                  |
| N                                     | 5965756            | 10/12/99 | McAdon et al.     | 556   | 11       |                                  |
| 1                                     | 5972822            | 10/26/99 | Timmers et al.    | 502   | 103      |                                  |
| N                                     | 5977251            | 11/02/99 | Kao et al.        | 525   | 53       |                                  |
| 2                                     | 5998039            | 12/07/99 | Tanizaki et al.   | 428   | 516      |                                  |
| 2                                     | 6013819            | 01/11/00 | Stevens et al.    | 556   | 11       |                                  |
| 2                                     | 6015868            | 01/18/00 | Nickias et al.    | 526   | 127      |                                  |
| 2                                     | 6034021            | 03/07/00 | Wilson et al.     | 502   | 103      |                                  |
| ~                                     | 6034240            | 03/07/00 | LaPointe          | 546   | 24       |                                  |

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| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE     | NAME                 | CLASS | SUBCLASS | FILING DATE<br>IF<br>APPROPRIATE |
| 1                   | 6043363            | 03/28/00 | LaPointe et al.      | 544   | 225      |                                  |
| ~~                  | 6074977            | 06/13/00 | Rosen et al.         | 502   | 103      |                                  |
| ~                   | 6103657            | 08/15/00 | Миттау               | 502   | 155      |                                  |
| $\sim$              | 6150297            | 11/21/00 | Campbell, Jr. et al. | 502   | 152      |                                  |
| 2                   | 6197886            | 03/06/01 | Chatterjee et al.    | 525   | 240      |                                  |
| ~                   | 6245856            | 06/12/01 | Kaufman et al.       | 525   | 240      |                                  |
| ~                   | 6248829            | 06/19/01 | Fisher et al.        | 525   | 191      |                                  |
| ~                   | 6268444            | 07/31/01 | Klosin et al.        | 526   | 127      |                                  |
| ~                   | 6303719            | 10/16/01 | Murray et al.        | 526   | 161      |                                  |
| ~                   | 6372847            | 04/16/02 | Wouters              | 525   | 191      |                                  |
| ~                   | 6515155            | 02/04/03 | Klosin et al.        | 556   | 11       |                                  |
| 2                   | 664236             | 11/04/03 | Datta et al.         | 525   | 240      | nprore                           |
| ~                   | 20020004575        | 01/10/02 | Cozewith et al.      | 526   | 348      |                                  |
| ~                   | 20020062011        | 05/23/02 | Campbell, Jr. et al. | 534   | 15       |                                  |
| 2                   | 20020137845        | 09/26/02 | Boussie et al.       | 525   | 170      |                                  |
| ~                   | 20020142912        | 10/03/02 | Boussie et al.       | 502   | 152      |                                  |
| N                   | 20020147288        | 10/10/02 | Boussie et al.       | 526   | 160      |                                  |
| N                   | 20020156279        | 10/24/02 | Boussie et al.       | 546   | 13       |                                  |
| 2                   | 20020165329        | 11/07/02 | Klosin et al.        | 526   | 126      |                                  |
| 2                   | 20020173419        | 11/21/02 | Boussie et al.       | 502   | 117      |                                  |
| ~                   | 20020177711        | 11/28/02 | LaPointe et al.      | 546   | 13       |                                  |
| ~                   | 20030004286        | 01/02/03 | Klosin et al.        | 526   | 126      |                                  |

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| INITIAL                  | NUMBER      |          |         |                   |                     | YES     | NO    |
| 1                        | 88/05792 A1 | 08/11/88 | wo      | €08F              | 4/64                |         |       |
| <u></u>                  | 88/05793 A1 | 08/11/88 | wo      | - <del>C08F</del> | 4/64>               |         |       |
| ~                        | 90/01521 A1 | 02/22/90 | wo      | C08L              | <del>67/0</del> 4   |         |       |
| N                        | 90/07526 A1 | 07/12/90 | wo      | C08F              | 10/00               |         |       |
| n                        | 93/11171    | 06/10/93 | wo      | C08F              | 10/00               |         |       |
| V                        | 93/18106    | 09/16/93 | wo      | -C09I             | 123/16              |         |       |
| V                        | 93/19104 A1 | 09/30/93 | wo      | C08F              | 10/00               |         |       |
| ~                        | 93/21238 A3 | 10/28/93 | wo      | C08F              | 10/00               |         |       |
| 2                        | 93/21238 A2 | 10/28/93 | wo      | C08F              | 10/00               |         |       |
| ~                        | 93/21242 A1 | 10/28/93 | wo      | COSF              | 210/16              | _       |       |
| ~                        | 93/25590 A1 | 12/23/93 | wo      | G08F              | 10/00               |         |       |
| ~                        | 94/00500 A1 | 01/06/94 | wo      | C08F              | <del>-10/00</del> > |         |       |
| ~                        | 94/03506 A1 | 02/17/94 | wo      | C <del>08F</del>  | 4/64                |         |       |
| $\sim$                   | 94/25495    | 11/10/94 | wo      | €08F              | 2/34                |         |       |
| ~                        | 94/25497    | 11/10/94 | wo      | G <del>08F</del>  | 10/00               |         |       |
| ~                        | 94/26793    | 11/24/94 | wo      | C08F              | 10/00               |         |       |
| ~                        | 94/28032    | 12/08/94 | wo      | Ç <del>08F</del>  | 2/34                |         |       |
| 1                        | 94/29032    | 12/22/94 | wo      | B05B              | 7/16                |         |       |
| V                        | 95/00526 A1 | 01/05/95 | wo      | C07F              | 17700               |         |       |
| 2                        | 95/07942    | 03/23/95 | wo      | C08F              | 10/02-              |         |       |

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|----------|--|----------|-----|------------------|--------------------|--|---|
| INITIAL  |  | SUBCLASS | YES | NO               |                    |  |   |
| n        | 95/13305 A1  | 05/18/95 | wo  | 608F             | 2/34               | <u>-                                    </u> |   |
| ~        | 95/13306 A1  | 05/18/95 | wo  | C08F             | 2/34               |  | T |
| m        | 96/00244 A1  | 01/04/96 | wo  | C08F             | 19/00_             |  |   |
| n        | 96/13530 A1  | 05/09/96 | wo  | C08F             | 10/00>             |  |   |
| ~        | 96/23010 A2  | 08/01/96 | wo  | C <del>08F</del> | 210/16 >           |  |   |
| ~        | 97/22635 A1  | 06/26/97 | wo  | C08F             | 10/00              |  |   |
| ~        | 97/25355   | 07/17/97 | wo  | C08F             | 10/00              |  |   |
| ~        | 97/42241 A1  | 11/13/97 | wo  | C <del>08F</del> | 212/04             |  |   |
| ~        | 98/50392 A1  | 11/12/98 | wo  | C97F             | 9/6568             |  |   |
| 2        | 98/41529 A1  | 09/24/98 | wo  | €07F             | 17/00              |  |   |
| 1        | 99/14250 A1  | 03/25/99 | wo  | C08F             | 10/00_             |  |   |
| n        | 00/01745 A1  | 01/13/00 | wo  | -C08F            | <del>210/</del> 16 |  |   |
| 1        | EP 0 229 476   | 07/22/87 | EPO | B32B             | 27/32              |  |   |
| N        | EP 0 277 003 A1  | 08/03/88 | EPO | G <del>08F</del> | 4/64_              |  |   |
| $\sim$   | EP 0 468 537 A1  | 01/29/92 | EPO | C08F             | 10/00              |  |   |
| 1        | EP 0 468 651 A1  | 01/29/92 | ЕРО | C <del>08F</del> | 4/74               |  |   |
| 2        | EP 0 514 828 A1  | 11/25/92 | ЕРО | C07F             | 7/28-              |  |   |
| an       | EP 0 515 203 A2  | 11/25/92 | EPO | C <del>08L</del> | <del>67/0</del> 4  |  |   |
| ~        | EP 0 515 203 A3  | 11/25/92 | ЕРО | C08L             | 67704              |  |   |
| an       | EP 0 593 083 A1  | 04/20/94 | EPO | C08F             | 2/34               |  |   |

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| INITIAL                  | NUMBER          |          |                           |                                 |                    | YES     | NO         |  |
| 2                        | EP 0 628 343 A1 | 12/14/94 | EPO                       | -B01J                           | 3/02               |         |            |  |
|                          | EP 0 659 773 A1 | 06/28/95 | EPO                       | ,C08F                           | 10/00              |         |            |  |
|                          | EP 0 663 422 A2 | 07/19/95 | EPO                       | C08L                            | 23/06 >            |         |            |  |
| ~                        | EP 0 676 421 A1 | 10/11/95 | EPO                       | G <del>08F</del>                | 10/02              |         | ,          |  |
| ~                        | EP 0 683 176 A1 | 11/22/95 | EPO                       | C08F                            | 6/00               |         |            |  |
| ~                        | EP 0 692 500 B1 | 01/17/96 | ЕРО                       | C08F                            | 210/00             |         |            |  |
| ~                        | EP 0 697 420 A1 | 02/21/96 | ЕРО                       | C08F                            | 10/06-             |         |            |  |
| n                        | EP 0 699 213 B1 | 03/06/96 | EPO                       | -C08F                           | 2/34               |         |            |  |
| ~                        | EP 0 716 121 A1 | 06/12/96 | EPO                       | COSL -                          | 23/10              |         |            |  |
| ~                        | EP 0 721 798 A3 | 01/02/97 | EPO                       | <del>B01J</del>                 | 8/44               |         |            |  |
| ~                        | EP 0 721 798 A2 | 07/17/96 | EPO                       | -B01J                           | 8/44               |         |            |  |
| ~                        | EP 0 728 150 B1 | 08/28/96 | EPO                       | C <del>08F</del>                | <del>-2/34</del> — |         |            |  |
| 2                        | EP 0 728 151 B1 | 08/28/96 | EPO                       | C08F                            | 2/34               |         |            |  |
| N                        | EP 0 728 771 A1 | 08/28/96 | EPO                       | C08F                            | 10/00              |         |            |  |
| 7                        | EP 0 728 772 A1 | 08/28/96 | EPO                       | €08F                            | 10/00              |         |            |  |
| ~                        | EP 0 735 058 A1 | 10/02/96 | EPO                       | -C08F                           | 10/00->            |         |            |  |
| N                        | EP 0 748 846 A2 | 12/18/96 | EPO                       | COSL -                          | 67/04              |         |            |  |
| 2                        | EP 0 748 846 A3 | 02/12/97 | EPO                       | C08L                            | 67/04              |         | •          |  |
| 2                        | EP 0 780 404 A3 | 12/29/97 | EPO                       | C08F                            | 10/02              |         |            |  |
| N                        | EP 0 780 404 A2 | 06/25/97 | EPO                       | 'C08F                           | 10/02              |         |            |  |

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| INITIAL                  | NUMBER          |          |         |                  |          | YES                            | NO |
| m                        | EP 0 844 280 A1 | 05/27/98 | EPO     | C68F             | 23/10    |                                |    |
| ~                        | EP 0 949 278 A3 | 09/13/00 | EPO     | C <del>08F</del> | 10/00    |                                |    |
| N                        | EP 0 949 278 A2 | 10/13/99 | EPO     | €08F             | 10/00    |                                |    |
| $\sim$                   | EP 0 949 279 A3 | 09/13/00 | ЕРО     | C08F             | 10/00    |                                |    |
| ~                        | EP 0 949 279 A2 | 10/13/99 | EPO     | C08E             | 10/00-   |                                |    |
| ~                        | EP 1 063 244 A2 | 12/27/00 | ЕРО     | C08F             | 210/18   |                                |    |
|                          |                 |          |         |                  |          |                                |    |
| $\sim$                   | EP 0 480 190 B1 | 06/07/95 | EPO     | C <del>08F</del> | 10/06    | X <del>((abstract</del> _anly) |    |
| n                        | EP 0 890 584 A1 | 04/15/92 | ЕРО     | C08F             | 10/06    | X (abstract >                  |    |

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## U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

| ATTY. DOCKET NO.<br>1998B037A-2 RCE | APPLN NO.<br>10/613,374  |
|-------------------------------------|--------------------------|
| APPLICANTS S. Datta et al.          | CONFIRMATION<br>NO. 7178 |
| FILING DATE<br>July 3, 2003         | GROUP ART UNIT           |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|                     | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  |
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| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT |   | APPLICANTS S. Datta et al.          | CONFIRMATION<br>NO. 7178 |  |
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